

From: [Susan Webster](#)
To: [Ragan Broyles](#); [Mr. Chris Petersen](#)
Subject: Fw: Vapor intrusion update with 6PD on May 29, 2008
Date: 06/05/2008 08:49 AM

Fyi. Mtg this pm

to -----Sent by EPA Wireless E-Mail Services.

▼ [Philip Turner](#)

----- Original Message -----

From: Philip Turner
Sent: 06/05/2008 08:10 AM CDT
To: Sairam Appaji; Walt Helmick
Cc: Beverly Negri; Betty Williamson; Susan Webster
Subject: Fw: Vapor intrusion update with 6PD on May 29, 2008

----- Forwarded by Philip Turner/R6/USEPA/US on 06/05/2008 08:10 AM -----

Jon Rauscher/R6/USEPA/US	To	Wren Stenger/R6/USEPA/US@EPA
	cc	Sing Chia/R6/USEPA/US@EPA, Philip Turner/R6/USEPA/US@EPA, Dipanjana Bhattacharya/R6/USEPA/US@EPA, Bret Kendrick/R6/USEPA/US@EPA
06/02/2008 02:27 PM		
	Subject	Vapor intrusion update with 6PD on May 29, 2008

This email provides a outline of R6 Vapor Intrusion updates from the May 29, 2008 meeting with 6PD:

1) Kelly Air Force Base

- a. 20 homes were sampled (16 slab & 4 pier & beam)
 - i. 16 slab homes
 1. Subslab sampling in one home by Tedlar bag due to prevalence of tile flooring
 - ii. 4 pier & beam homes
 1. Crawl spaces were sampled by 24-hour Summa canisters
 - iii. TAGA was used to sample indoor air of 5 homes
 1. No detects of vinyl chloride, TCE or PCE
- b. Results due by the end of July or early August

2) Delfasco Forge

- a. 18 homes were sampled
 - i. 3 were subslab (Tedlar Bags)
 1. 2/3 were non-detects
 - ii. 15 were pier & beam with a crawl space (TAGA)
 - iii. Many homes did not have air conditioners, therefore, were well ventilated with windows open and fans running
- b. 50% had elevated levels of TCE (preliminary data)

- i. Indoor concentrations equated to an excess lifetime cancer risk as high as 8.0×10^{-3} and non-cancer effects as high as $HQ > 3$.
 - ii. Trend follows the same direction of groundwater plume
 - iii. Elevated levels were detected even when homes were open and well ventilated
- c. Plume is approximately 25 ft bgs
 - i. 100, maybe as many as 300 homes are above the plume
- d. RCRA is planning to re-sample in the fall (after October 1)
 - i. It was suggested even later when it is colder and homes are more closed
- e. Delfasco had applied for a Municipal Settings Designation (MSD) with TCEQ, however, TCEQ has put that on hold
 - i. A new TCEQ Project Manager has been assigned

3) Parker Solvents

- a. Sampling will begin June 09, 2008
 - i. 9 sites have been chosen, including the PRP, some office space, the Department of Transportations' building, and 4 residences

4) England Air Force Base

- a. Sampling will begin June 16, 2008
- b. Sampling using Summa canisters, no TAGA

5) Sampling Plan(s)

- a. Dave Mickunas (ERT) provided the "standard" protocol/sampling plan and Field Report for Moffett Air Station in Region 9.
 - i. These documents have been provided to Walt Helmick